

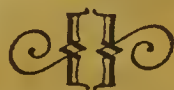
Yiewsley & West Drayton  
Urban District Council

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ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
AND  
CHIEF SANITARY INSPECTOR  
FOR THE YEAR

1946



*Medical Officer of Health:*

**PATRICK M. BOBBETT, M.A., M.B., Ch.B., B.A.O., D.P.H.**

*Chief Sanitary Inspector:*

**ALFRED MAKIN, M.R.San.I., M.S.I.A.**



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# Yiewsley and West Drayton Urban District Council.

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## LIST OF MEMBERS, 1946

### *Chairman:*

MR. COUNCILLOR W. ROBERTS, J.P.

### *Vice-Chairman:*

MR. COUNCILLOR G. VARLEY, J.P.

### *Members:*

MR. COUNCILLOR F. C. ASHBY.

„ W. BEARE.

MRS. „ B. A. BEAUMONT, J.P., C.C.

MR. COUNCILLOR G. E. CLARK.

„ J. W. CRAIG.

„ D. J. DAVIES, C.C.

„ F. DURRANS.

„ G. A. FERRY.

„ A. W. GANLEY.

„ G. GITTINS.

„ F. A. GREEN.

„ A. W. HOLLIS.

„ W. M. MCGARRY.

„ G. E. PEMBERTON.

„ G. L. ROUGH.

„ J. W. SCOTT.

„ T. C. SHARPE.

„ A. E. STEVENSON.

„ H. C. STOAKES.

„ H. H. THORNE, J.P.

## PUBLIC HEALTH COMMITTEE

### *Chairman:*

MRS. COUNCILLOR B. A. BEAUMONT, J.P., C.C.

### *Vice-Chairman:*

MR. COUNCILLOR G. E. PEMBERTON.

### *Members:*

MR. COUNCILLOR W. ROBERTS, J.P.

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„ F. DURRANS.

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„ F. A. GREEN.

„ A. W. HOLLIS.

„ W. M. MCGARRY

„ J. W. SCOTT.

„ G. W. VARLEY, J.P.

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## HOUSING COMMITTEE

### *Chairman:*

MRS. COUNCILLOR B. A. BEAUMONT, J.P., C.C.

### *Vice-Chairman:*

MR. COUNCILLOR A. E. STEVENSON.

### *Members:*

This Committee is composed of all the members of the Council.

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## MATERNITY AND CHILD WELFARE COMMITTEES

### YIEWSLEY & WEST DRAYTON

MRS. COUNCILLOR B. A. BEAUMONT, J.P., C.C.

MRS. M. P. BURCK.

MRS. M. VARLEY.

### HARMONDSWORTH

MRS. T. WILD.

MRS. D. BATH.

MRS. D. P. DAVIDSON.

# PUBLIC HEALTH DEPARTMENT

## STAFF

### *Medical Officer of Health:*

PATRICK M. J. BOBBETT, M.A., M.B., Ch.B., B.A.O., D.P.H.

### *Chief Sanitary Inspector:*

ALFRED MAKIN, M.R.San.I., M.S.I.A.

Sanitary Inspector's Certificate, R.S.I. & S.I. Joint Board.

Meat and Food Inspector's Certificate, Royal Sanitary Institute.

Meat and Food Inspector's Certificate, Liverpool University.

### *Additional Sanitary Inspector:*

A. V. GRANTHAM, M.S.I.A. (Appointed: October, 1946)

Sanitary Inspector's Certificate, R.S.I. & S.I. Joint Board.

### *Sanitary Inspector's Assistant:*

MR. E. G. WELCH.

### *Clerical Assistant:*

MISS A. M. BARNES.

# ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1946

PUBLIC HEALTH DEPARTMENT,  
67 HIGH STREET,  
YIEWSLEY.

September, 1947

*To the Chairman and Members of the Yiewsley and  
West Drayton Urban District Council.*

MR. CHAIRMAN, MRS. BEAUMONT AND GENTLEMEN,

I beg to submit my report on the Health and Sanitary Circumstances for the year 1946.

The year has been one of considerable activity and I gratefully acknowledge the help I have received from all the members of the Department and I also desire to express my appreciation of the encouragement I have received from the Council.

The report is divided into two parts :

**PART I** consisting of

SECTION A.—Statistics and Social Conditions of the Area.

SECTION B.—General Provision of Health Services for the Area.

SECTION C.—Prevalence of, and control over, Infectious and  
Other Diseases.

**PART II** is the report of the Chief Sanitary Inspector and  
consists of :

SECTION D.—Sanitary Circumstances of the Area.

SECTION E.—Housing.

SECTION F.—Inspection and Supervision of Food.

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## SECTION A

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA

|   |         |          |
|---|---------|----------|
| Area in acres                                       | .. .. . | 5,277    |
| Population, 1946 (Midsummer) Estimated by the       |         |          |
| Registrar General                                   | .. .. . | 17,750   |
| Population (Census) 1931                            | .. .. . | 13,057   |
| Estimated number of inhabited houses at end of 1946 |         | 4,654    |
| Rateable value 31st December, 1946                  | .. .. . | £123,635 |
| Sum represented by the product of a Penny Rate      | ..      | £500     |



*Industries.* There has been a big change in the industrial life of the Urban District as a great proportion of the agricultural land has been swallowed by the new London Airport. The bulk of the inhabitants are now employed in light industry, which may be grouped as follows:

Engineering processes, screw making, gear cutting, machine tool making, switch manufacture, clothing manufacture, paint manufacture, furniture upholstery, motor body building, wax polish manufacture, box making, lithographic processes, concrete works, etc.

There are no dangerous industries in the district.

*Unemployment.* There has been little unemployment in the district during the year.

*Open Spaces.* The Council have Recreation Grounds at Yiewsley, West Drayton, Sipson and Harmondsworth.

### VITAL STATISTICS (as supplied by The Registrar General)

#### LIVE BIRTHS

|              | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--------------|-------------|---------------|--------------|
| Legitimate   | 185         | 167           | 352          |
| Illegitimate | 15          | 5             | 20           |
|              | <hr/>       | <hr/>         | <hr/>        |
| Total        | 200         | 172           | 372          |
|              | <hr/>       | <hr/>         | <hr/>        |

Birth Rate per 1,000 of estimated resident population  
20.95 (1945—22.94)

#### STILL BIRTHS

|              | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--------------|-------------|---------------|--------------|
| Legitimate   | 6           | 1             | 7            |
| Illegitimate | —           | —             | —            |
|              | <hr/>       | <hr/>         | <hr/>        |
| Total        | 6           | 1             | 7            |
|              | <hr/>       | <hr/>         | <hr/>        |

Rate per 1,000 total (live and still) births 18.47 (1945—23.48)  
Still Birth rate per 1,000 of estimated population .3944

#### DEATHS

| <i>Male</i> | <i>Female</i> | <i>Total</i> |
|-------------|---------------|--------------|
| 85          | 64            | 149          |

Death Rate per 1,000 of estimated resident population  
8.395 (1945—8.23)

#### MATERNAL MORTALITY

Deaths from Puerperal Sepsis .. Nil  
Other Puerperal causes .. Nil

# COMPARATIVE VITAL STATISTICS 1946

|   | Per 1,000 population |                  |            | Per 1,000 Live Births |                    | Per 1,000 Total (Live & Still Births) Maternal Mortality |
|---|----------------------|------------------|------------|-----------------------|--------------------|--|
|   | Birth Rate           | Still Birth Rate | Death Rate | Infantile Mortality   | Maternal Mortality |  |
| YIEWSLEY & WEST DRAYTON .. ..                                 | 20.95                | 0.3944           | 8.395      | 34.94                 | Nil                | Nil  |
| London .. .. .  | 21.5                 | 0.54             | 12.7       | 41.                   | —                  | —  |
| 126 County Boroughs and Great Towns, including London .. .. . | 22.2                 | 0.67             | 12.7       | 46.                   | —                  | —  |
| 148 Smaller Towns (pop. 25,000 to 50,000)                     | 21.3                 | 0.59             | 11.7       | 37.                   | —                  | —  |
| England and Wales .. .. .                                     | 19.1                 | 0.530            | 11.5       | 43.                   | —                  | —  |

**CAUSES OF DEATH DURING 1946**  
(as supplied by the Registrar General)

| <i>Causes of Death</i>                       | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--|-------------|---------------|--------------|
| All causes .. .. .                           | 85          | 64            | 149          |
| Typhoid & Paratyphoid Fevers .. .. .         | —           | —             | —            |
| Measles .. .. .                              | —           | —             | —            |
| Scarlet Fever .. .. .                        | —           | —             | —            |
| Whooping Cough .. .. .                       | —           | 1             | —            |
| Diphtheria .. .. .                           | —           | —             | —            |
| Influenza .. .. .                            | 1           | —             | 1            |
| Encephalitis Lethargica .. .. .              | —           | —             | —            |
| Cerebro Spinal Fever .. .. .                 | 1           | —             | 1            |
| Tuberculosis of Respiratory System .. .. .   | 1           | 1             | 2            |
| Other Tuberculosis .. .. .                   | 1           | 1             | 2            |
| Syphilis .. .. .                             | —           | —             | —            |
| General paralysis of insane, etc. .. .. .    | —           | —             | —            |
| Cancer .. .. .                               | 14          | 11            | 25           |
| Diabetes .. .. .                             | 1           | 1             | 2            |
| Intra-cranial Vascular Lesions .. .. .       | 4           | 6             | 10           |
| Heart Disease .. .. .                        | 25          | 22            | 47           |
| Other diseases of circulatory system .. .. . | 5           | 3             | 8            |
| Bronchitis .. .. .                           | 5           | 1             | 6            |
| Pneumonia .. .. .                            | 6           | 1             | 7            |
| Other Respiratory diseases .. .. .           | —           | 1             | 1            |
| Peptic Ulcer .. .. .                         | 2           | —             | 2            |
| Diarrhoea (under 2 years) .. .. .            | —           | —             | —            |
| Appendicitis .. .. .                         | 1           | —             | 1            |
| Other digestive diseases .. .. .             | 1           | 1             | 2            |
| Nephritis .. .. .                            | 1           | 4             | 5            |
| Puerperal Sepsis .. .. .                     | —           | —             | —            |
| Other Maternal Causes .. .. .                | —           | —             | —            |
| Congenital Causes .. .. .                    | 12          | 3             | 15           |
| Suicide .. .. .                              | 3           | —             | 3            |
| Other violence .. .. .                       | 1           | 2             | 3            |
| Road Traffic Accidents .. .. .               | —           | —             | —            |
| Causes ill-defined .. .. .                   | —           | 5             | 5            |

The principal causes of death at all ages are recorded in the following table:

| Disease                                       | Total No. of Deaths | Proportion per total 1,000 deaths |
|---|---------------------|-----------------------------------|
| Heart Disease                                 | 47                  | 315.4                             |
| Cancer (Malignant Disease)                    | 25                  | 167.8                             |
| Other diseases circulatory system             | 8                   | 53.69                             |
| Violence                                      | 6                   | 40.27                             |
| Premature birth and diseases of early infancy | 15                  | 100.7                             |
| Pneumonia                                     | 7                   | 46.98                             |
| Tuberculosis (pulmonary)                      | 2                   | 13.42                             |
| Bronchitis                                    | 6                   | 40.27                             |

#### *Deaths from Tuberculosis (Local Records)*

Tuberculosis of the respiratory system accounted for 5 deaths.

Deaths from Tuberculosis since 1939 have been according to the following table:

| <i>Year</i> | <i>Pulmonary</i> | <i>Non-Pulmonary</i> |
|-------------|------------------|----------------------|
| 1939        | 2                | —                    |
| 1940        | 8                | —                    |
| 1941        | 8                | —                    |
| 1942        | 8                | 1                    |
| 1943        | 6                | 1                    |
| 1944        | 7                | —                    |
| 1945        | 5                | —                    |
| 1946        | 5                | —                    |

#### INFANTILE MORTALITY

Deaths of Infants under 1 year of age:

|              | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|--------------|-------------|---------------|--------------|
| Legitimate   | 11          | 2             | 13           |
| Illegitimate | —           | —             | —            |
|              | —           | —             | —            |
| Total        | 11          | 2             | 13           |
|              | —           | —             | —            |

### *Death rate of Infants under 1 year of age*

|   |       |
|---|-------|
| All infants per 1,000 live births .. .. .               | 34.94 |
| Legitimate Infants per 1,000 legitimate live births ..  | 34.94 |
| Illegitimate Infants per 1,000 illegitimate live births | Nil   |

### CAUSES OF DEATH

|   |     |
|---|-----|
| Deaths from Cancer (all ages) .. .. .       | 25  |
| Deaths from Measles (all ages) .. .. .      | Nil |
| Deaths from Whooping Cough (all ages) ..    | 1   |
| Deaths from Diarrhoea (under 2 years) .. .. | Nil |

### SECTION B

## GENERAL PROVISIONS OF HEALTH SERVICES OF THE AREA

### LABORATORY FACILITIES

All bacteriological examination of specimens is carried out at the Hampstead Laboratory, Uxbridge.

The following table shows the examinations carried out during the year:—

| <i>Examination</i>       | <i>Number</i> |
|--------------------------|---------------|
| Throat Swabs .. .. .     | 65            |
| Sputum .. .. .           | 16            |
| Blood .. .. .            | 1             |
| Faeces and Urine .. .. . | 14            |
| Milk .. .. .             | 2             |
| Water .. .. .            | 17            |

### AMBULANCE FACILITIES

1. *Infectious Diseases.* The ambulance service of the Uxbridge Joint Isolation Hospital undertakes the removal of all infectious cases.

The number of Infectious Disease removals carried out in 1946—64.

2. *Non-Infectious Cases.* The Council maintains two Buick Ambulances, one of which is fitted with oxygen apparatus. A reciprocal service with neighbouring authorities is maintained and no difficulty has been experienced during the year.

### NURSING IN THE HOME

The three Nursing Associations in the Urban District are the Yiewsley Nursing Association, the West Drayton Nursing Association, and the Harmondsworth Nursing Association.

The good work of these associations continued throughout the year and has been keenly appreciated.

## MATERNITY AND CHILD WELFARE

This service is operated by the Middlesex County Council and there are Clinics in Yiewsley and Harmondsworth. There is need for a further Clinic in West Drayton, as it is a considerable distance for a mother to travel to Harmondsworth.

The County Council have resident midwives in each parish, and housing accommodation for the midwives is provided by the Urban District Council.

## HOSPITAL ACCOMMODATION

There are no hospitals coming under the direct supervision of the Urban District Council.

The following hospitals are available for the inhabitants of the area :

### 1. *Hillingdon County Hospital.*

The Middlesex County Hospital at Hillingdon accepts all general medical cases from this district. Maternity cases are also accepted by arrangement with the hospital. During the year 1,138 cases were admitted from the Yiewsley and West Drayton Urban District.

### 2. *Uxbridge Joint Isolation Hospital.*

The Urban District Council is a member of the Uxbridge Joint Isolation Hospital Board, and all cases of infectious disease requiring hospitalisation from this district are admitted.

### 3. *Cottage Hospitals.*

The Uxbridge and District Cottage Hospital and The Harlington, Harmondsworth and Cranford Cottage Hospital receive general medical and surgical cases from this district.

## MORTUARY

The Council has a well-equipped mortuary, situated in the West Drayton Depot.

# SECTION C

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Cases of Infectious Disease (other than Tuberculosis) notified during the year 1946.

| NOTIFIABLE<br>DISEASE.           | CASES NOTIFIED IN THE WHOLE DISTRICT. |     |     |     |     |      |       |       |       |       |       |           | Total removed to<br>hospital. | % of cases removed<br>to hospital. | Total number of cases,<br>all ages. |
|----------------------------------|---------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-----------|-------------------------------|------------------------------------|-------------------------------------|
|                                  | Under 1                               | 1-2 | 2-3 | 3-4 | 4-5 | 5-10 | 10-15 | 15-20 | 20-35 | 35-45 | 45-65 | 65 & over |                               |                                    |                                     |
| Scarlet Fever                    | —                                     | —   | 3   | 2   | —   | 22   | 7     | 6     | 4     | 1     | —     | —         | 38                            | 84.4                               | 45                                  |
| Diphtheria                       | —                                     | —   | —   | —   | —   | 4    | —     | 3     | —     | 1     | —     | —         | 8                             | 100                                | 8                                   |
| Enteric Fever (inc. Paratyphoid) | —                                     | —   | —   | —   | —   | —    | —     | —     | —     | —     | —     | —         | —                             | —                                  | —                                   |
| Puerperal Pyrexia                | —                                     | —   | —   | —   | —   | —    | —     | 1     | 6     | —     | —     | —         | Not known                     | —                                  | 7                                   |
| Pneumonia                        | 1                                     | —   | 2   | —   | —   | 6    | 1     | 2     | 4     | 1     | 3     | 3         | Not known                     | —                                  | 23                                  |
| Erysipelas                       | —                                     | —   | —   | —   | —   | —    | —     | 1     | —     | 1     | 3     | —         | 5                             | 100                                | 5                                   |
| Smallpox                         | —                                     | —   | —   | —   | —   | —    | —     | —     | —     | —     | —     | —         | —                             | —                                  | —                                   |
| Measles                          | 4                                     | 9   | 3   | 3   | 5   | 20   | 3     | 1     | 3     | —     | —     | —         | —                             | —                                  | 51                                  |
| Whooping Cough                   | 14                                    | 15  | 14  | 15  | 11  | 21   | 5     | 1     | 1     | —     | 1     | —         | —                             | —                                  | 98                                  |
| Cerebro Spinal Fever             | —                                     | —   | —   | —   | 3   | 1    | 1     | —     | —     | —     | —     | —         | 5                             | 100                                | 5                                   |
| Dysentery                        | —                                     | —   | —   | —   | 1   | —    | —     | —     | —     | —     | —     | —         | —                             | —                                  | 1                                   |



TABLE SHOWING NOTIFICATION OF INFECTIOUS DISEASE  
OCCURRING IN PARISHES FOR 1946.

| Disease.                            | Total. | Yiewsley. | West Drayton. | Sipson & Harmonds-worth. |
|-------------------------------------|--------|-----------|---------------|--------------------------|
| Scarlet Fever ..                    | 45     | 10        | 22            | 13                       |
| Diphtheria .. ..                    | 8      | 3         | 5             | —                        |
| Enteric Fever (inc. Paratyphoid) .. | —      | —         | —             | —                        |
| Puerperal Pyrexia ..                | 7      | 2         | 5             | —                        |
| Pneumonia .. ..                     | 23     | 9         | 12            | 2                        |
| Erysipelas .. ..                    | 5      | 2         | 3             | —                        |
| Smallpox .. ..                      | —      | —         | —             | —                        |
| Measles .. ..                       | 51     | 16        | 31            | 4                        |
| Whooping Cough ..                   | 98     | 47        | 32            | 19                       |
| Cerebro Spinal Fever                | 5      | 3         | 2             | —                        |
| Dysentery .. ..                     | 1      | —         | 1             | —                        |
|                                     | 243    | 92        | 113           | 38                       |

#### CEREBRO-SPINAL FEVER

Five cases of Cerebro Spinal Fever were notified during the year.

#### SUPPLY OF ANTI-TOXIN

The following stock is kept continually replenished at the Public Health Department: Diphtheria and Tetanus (Globulins).

In addition, diphtheria prophylactic and the fluid for Schick-Test are issued to the local medical profession.

All the above are supplied free of charge to doctors practising in the Urban District.

#### TUBERCULOSIS

During 1946, 30 cases of tuberculosis were notified, 22 of pulmonary tuberculosis and 8 non-pulmonary.

A complete register check has been carried out during the year and several cases were removed from the register. There are now 103 cases of pulmonary and 30 cases of non-pulmonary remaining on the register.

The institutional treatment of tuberculosis is the responsibility of the Middlesex County Council. The tuberculosis dispensary administering this district is at Uxbridge, the Tuberculosis Officer being Dr. J. T. Nicol Roe.

An environmental form concerning all cases is received through the courtesy of the Tuberculosis Officer, and appropriate action is taken when called for.



# ANALYSIS OF NEW CASES AND MORTALITY DURING 1946

| NEW CASES      |             |   |                 |   | DEATHS      |   |                 |   |
|----------------|-------------|---|-----------------|---|-------------|---|-----------------|---|
| Age<br>Periods | Respiratory |   | Non-Respiratory |   | Respiratory |   | Non-Respiratory |   |
|                | M           | F | M               | F | M           | F | M               | F |
| 0 —            | —           | — | —               | — | —           | — | —               | — |
| 1 —            | —           | — | —               | — | —           | — | —               | — |
| 5 —            | —           | 1 | 1               | 1 | —           | — | —               | — |
| 15 —           | 5           | 3 | 1               | 3 | 2           | 1 | —               | — |
| 25 —           | 4           | 4 | 1               | — | 1           | — | —               | — |
| 35 —           | 1           | 2 | 1               | — | —           | — | —               | — |
| 45 —           | 1           | — | —               | — | —           | — | —               | — |
| 55 —           | 1           | — | —               | — | 1           | — | —               | — |
| 65 over        | —           | — | —               | — | —           | — | —               | — |

## DIPHTHERIA

During the year eight cases of diphtheria were notified, none of which were confirmed.

## DIPHTHERIA IMMUNISATION

The Middlesex County Council as Welfare Authority requested the Urban District Council to continue the Diphtheria Immunisation Scheme they started in 1941 as agents for the County Council.

Considerable propaganda by means of leaflets and film shows has been carried out during the year.

A personal letter from the Medical Officer of Health is sent to each parent when a child reaches 9 months, with this letter is enclosed a consent form and I am pleased to record that there is a good response.

Immunisation Sessions are held twice monthly at the Yiewsley Baptist School, the sessions being conducted by Doctors Hervey, Corkery and Wingfield, whose work I gratefully acknowledge.

The number of children who completed a full course of Primary Immunisation in this Authority's area during the year 1946 was :

| Under 5 | 5-14 | Total |
|---------|------|-------|
| 174     | 29   | 203   |

The total number of children who were given a Secondary or Reinforcing Injection (subsequent to complete full course) was 26.

The number of children who completed a full course of Immunisation at any time up to 31st December, 1946 is shown by the following table :

| Number<br>Immunised | AGE AT 31st DECEMBER, 1946 |     |     |     |     |     |       |                      |
|---------------------|----------------------------|-----|-----|-----|-----|-----|-------|----------------------|
|                     | Under<br>1                 | 1 - | 2 - | 3 - | 4 - | 5-9 | 10-14 | Total<br>under<br>15 |
|                     | 9                          | 153 | 107 | 160 | 149 | 896 | 920   | 2,394                |

#### DISINFECTION

During the year the Council have adapted a building for use as a Cleansing and Disinfecting Station. Unfortunately it has been impossible to obtain a heating unit for the disinfecter. There is a great need for a steam disinfecter in the district; apart from the normal work arising in a district of this size, numerous applications for disinfection of bedding, etc., have been received from the operating companies at the London Airport.

I have the honour to be,

Your obedient servant,

PATRICK M. J. BOBBETT,  
Medical Officer of Health.

# REPORT OF THE CHIEF SANITARY INSPECTOR FOR THE YEAR 1946

September, 1947

*To the Chairman and Members of the Yiewsley and  
West Drayton Urban District Council.*

MR. CHAIRMAN, MRS. BEAUMONT AND GENTLEMEN,

I have the honour to submit my first annual report.

The department has been extremely busy throughout the year, and for a greater part of the year was understaffed, the appointment of Mr. Grantham in October, however, has improved the situation.

## SECTION D SANITARY CIRCUMSTANCES OF THE AREA

### WATER SUPPLY

The Rickmansworth and Uxbridge Valley Water Co. supply the greater part of the district, but there are still houses in Stockley, West Drayton, Harmondsworth and Longford obtaining their water supply from shallow wells. Bacteriological examination of the water from these wells has been made, and with two exceptions every well was found to be polluted. Several of the houses have been provided with a mains supply during the year, and notices to connect to mains supply have been served on the owners of the property where a mains supply is available.

The black spot of the District, as far as water supply is concerned, is The Common, West Drayton. In this area each dwelling has its own well and there is a grave danger of pollution as all houses have cesspools. It is of utmost importance that a water service should be taken to this area as soon as possible.

All water supplied by the Water Company is sterilised by the Chlorine Ammonia process, and below is a typical result of the chemical and bacteriological examinations supplied by the Statutory Undertaker:

### CHEMICAL RESULTS IN PARTS PER 100,000

|  |   |
|--|---|
| Appearance:                                    | Bright, with very slight flocculent deposit of yellow brown mineral debris, consisting of ferruginous chalk particles, together with a few threads of Crenothrix. |
| Turbidity:                                     | Less than five parts per million, Silica scale.   |
| Colour: Normal                                 | Odour .. .. . Nil   |
| Reaction p H: Neutral .. 7.3                   | Free Carbonic Acid .. .. 1.6  |
| Electric Conductivity at 20°C. 490             | Total Solids, dried at 180°C. .. 33.0   |
| Chlorine in Chlorides .. .. 1.9                | Alkalinity as Calcium Carbonate .. .. 23.0  |
| Hardness: Total .. .. 20.5                     | Carbonate (Temporary) .. 20.5   |
|  | Non-carbonate (Permanent) .. 0.0  |
| Nitrogen in Nitrates .. .. 0.00                | Nitrogen in Nitrites: Approx. 0.001   |
| Free Ammonia .. .. 0.036                       | Ammoniacal Nitrogen .. —  |
| Albuminoid Ammonia .. .. 0.0000                | Albuminoid Nitrogen .. —  |
| Oxygen absorbed in 4 hrs. at 27°C. .. .. 0.000 |   |
| Metals: Iron .. .. 0.005                       | Other metals absent.  |

## BACTERIOLOGICAL RESULTS.

(Bacteriological sampling bottles are treated to remove free chlorine if this is present at the time of sampling).

|  | <i>1 day at<br/>37° C.</i> | <i>2 days at<br/>37° C.</i> | <i>3 days at<br/>20° C.</i> |
|--|----------------------------|-----------------------------|-----------------------------|
| Number of Colonies developing on<br>Agar per cc. or ml. in. .. | 0                          | 0                           | 3                           |
| Presumptive Coliform Reaction ..                               |                            | Absent from:                | 100 c.c.                    |
| Bact. coli. .. .. .  |                            | Absent from:                | 100 c.c.                    |
| Cl. welchii Reaction .. ..                                     |                            | Absent from:                | 100 c.c.                    |

This is a satisfactory sample, being practically clear and bright in appearance, neutral in reaction and free from metals, apart from an insignificant trace of iron. The water has very moderate hardness and is free from any excess of mineral and saline constituents in solution. It conforms to the highest standard of organic quality and bacterial purity.

### DRAINAGE AND SEWERAGE

A large proportion of the Urban District is connected to the West Middlesex Trunk Sewer which discharges into the outfall works at Mogden. The main exceptions are The Common, West Drayton, and the village of Longford, where there are a large number of cesspools and earthpails. The large cesspool which formerly received the sewage from the Orchard Farm Estate was abolished during the year, the extension to the Otterfield Road Sewer having been completed.

Number of cesspools emptied during the year—399.

### RIVERS AND STREAMS

The Middlesex County Council supervise all water courses within the Urban District. It is regrettable that the River Colne has become neglected during the last few years and it is at present in a deplorable condition.

### CLOSET ACCOMMODATION

There are a number of pail closets still in existence in the district, principally in Longford, Stockley, Little Britain and Harmondsworth Moor.

A number of pail closets have been abolished during the year and water closets substituted, efforts will be made during the ensuing year to abolish the remaining pail closets where it is possible to enter the main sewer.

### PUBLIC CLEANSING

The refuse collection service during the year under survey has been most unsatisfactory owing to shortage of transport and staff, the average interval between collections was 20 days.

At the end of 1946 the vehicles available were: one ten cubic yard Dennis Refuse Collecting Vehicle and one Commer three cubic yard Refuse Collecting Vehicle, the latter only being available for refuse collection on three days a week.

The Council ordered a new ten cubic yard Dennis Refuse Collecting Vehicle in May, 1946, but unfortunately the vehicle had not been delivered at the end of 1946.

## SALVAGE

The salvaging of saleable materials from the refuse has been continued during the year, the total income received from the sale of materials being £730 3s. 8d.

Owing to the infrequency of collection, residents have destroyed material which ought to be recovered, and it is hoped that with the arrival of the new vehicle better salvage results will be obtained.

## REFUSE DISPOSAL

Refuse disposal is by "controlled tipping," carried out in accordance with the regulations of the Ministry of Health.

In February, 1946, numerous complaints were received from residents in the vicinity of Dell Road, West Drayton, that indiscriminate tipping was taking place in a pit at the corner of Dell Road and Harmondsworth Road. The Council gave permission for the area to be filled with domestic refuse and tipping was commenced in March, 1946. Tipping was fully "controlled" and the site has now been filled and the Council intend to grass it and reserve it for an Open Space.

TABLE SHOWING COSTS FOR REFUSE COLLECTION AND DISPOSAL  
(INCLUDING SALVAGE BUT NOT WASTE FOOD) FOR THE YEAR  
ENDING 31ST DECEMBER, 1946

| Item                 | Particulars<br>Revenue A/c.                   | Collection,<br>including<br>depreciation | Disposal      | Total           |
|----------------------|---|--|---------------|-----------------|
| A                    | Gross Expenditure ..                          | £3,231 6s. 5d.                           | £679 3s. 3d.  | £3,910 9s. 8d.  |
| B                    | Gross Income ..                               | —  | £546 3s. 10d. | £546 3s. 10d.   |
| C                    | Net Cost .. ..                                | £3,231 6s. 5d.                           | £132 19s. 5d. | £3,364 5s. 10d. |
| <i>Unit Costs</i>    |   |  |               |                 |
| D                    | Gross Expenditure per<br>ton .. ..            | £.84                                     | £.176         | £1.017          |
| E                    | Gross Income per ton                          | Nil                                      | £.014         | £.014           |
| F                    | Net Cost per ton ..                           | £.84                                     | £.034         | £.875           |
| G                    | Net Cost per 1,000<br>population .. ..        | £183.17                                  | £7.42         | £190.45         |
| H                    | Net Cost per 1,000<br>houses or premises ..   | £694.18                                  | £28.56        | £722.74         |
| <i>Rate Poundage</i> |   |  |               |                 |
| J                    | Net Cost equiv. rate in<br>the £ .. ..        | 6.46d.                                   | .264d.        | 6.724d.         |
| K                    | Percentage of J to<br>total rates in the £ .. | 3.5%                                     | .14%          | 3.64%           |

1. Total refuse collection (in tons) .. .. 3,846 tons
2. Population, Midsummer, 1946 .. .. 17,750
3. Weight per 1,000 population per day (in cwts.) .. 11.87 cwts.
4. Number of houses and premises .. .. 4,654
5. Rateable value .. .. £123,635
6. Product of a penny rate .. .. £500
7. Total rates in the £ .. .. 15s. 4d.



## SANITARY INSPECTION OF THE DISTRICT

Complaints received and investigated .. .. . 305

### *Dwelling Houses*

|   |     |
|---|-----|
| Visits under Public Health Acts .. .. .       | 341 |
| Visits under Housing Acts .. .. .             | 37  |
| Visits <i>re</i> overcrowding .. .. .         | 28  |
| Visits to bug-infested premises .. .. .       | 37  |
| Visits <i>re</i> other vermin .. .. .         | 6   |
| Visits to cases of Infectious Disease .. .. . | 35  |

### *General Sanitation—Inspections*

|   |       |
|---|-------|
| Drainage inspections .. .. .              | 63    |
| Drain tests .. .. .                       | 14    |
| Offensive trades .. .. .                  | 1     |
| Piggeries .. .. .                         | 3     |
| Factories .. .. .                         | 19    |
| Work places .. .. .                       | 2     |
| Bakehouses .. .. .                        | 1     |
| Public conveniences .. .. .               | 1     |
| Cinemas .. .. .                           | 3     |
| Schools .. .. .                           | 4     |
| Shops .. .. .                             | 4     |
| Tips .. .. .                              | 40    |
| Revisits to premises under notice .. .. . | 540   |
| Interviews .. .. .                        | 163   |
| Prospective Council House tenants .. .. . | 103   |
| Attending Council Meetings .. .. .        | 12    |
| Attending Committee Meetings .. .. .      | 35    |
| Miscellaneous visits .. .. .              | 75    |
| Visits to Airport .. .. .                 | 103   |
| Water supplies .. .. .                    | 25    |
| Total .. .. .                             | 1,695 |

### *Meat and Other Foods Inspection*

|                            |       |
|----------------------------|-------|
| Grocers .. .. .            | 19    |
| Butchers .. .. .           | 4     |
| Fishmongers .. .. .        | 5     |
| Fried fish shops .. .. .   | 10    |
| Greengrocers .. .. .       | 6     |
| Dairies .. .. .            | 3     |
| Cowsheds .. .. .           | 3     |
| Ice cream premises .. .. . | 11    |
| Cafés .. .. .              | 7     |
| Slaughter-houses .. .. .   | 2     |
| Total visits .. .. .       | 1,765 |

### *Notices Served*

|   |     |
|---|-----|
| Number of Informal Notices served .. .. .         | 541 |
| Number of Statutory Notices served .. .. .        | 56  |
| Proceedings taken .. .. .                         | 6   |
| Number of Informal Notices complied with .. .. .  | 408 |
| Number of Statutory Notices complied with .. .. . | 10  |
| Number of nuisances abated after proceedings ..   | 4   |

### NUISANCES ABATED AND IMPROVEMENTS EFFECTED

#### (a) DWELLING HOUSES

|   |     |
|---|-----|
| Roofs repaired .. .. .  | 57  |
| External walls and chimney stacks repaired .. ..                | 58  |
| Gutters and spouts repaired or renewed .. ..                    | 41  |
| Damp-proof courses repaired or renewed .. ..                    | 1   |
| Dampness remedied .. .. .                                       | 56  |
| Yards paved or repaired .. .. .                                 | 5   |
| Internal walls repaired .. .. .                                 | 119 |
| Ceilings repaired .. .. .                                       | 74  |
| Doors repaired or renewed .. .. .                               | 17  |
| Floors repaired or renewed .. .. .                              | 34  |
| Sub-floor ventilation provided or improved .. ..                | 9   |
| Rooms, passages and staircases cleansed and redecorated .. .. . | 95  |
| Staircases repaired .. .. .                                     | 3   |
| Fireplaces repaired or renewed .. .. .                          | 14  |
| Cooking stoves repaired or renewed .. .. .                      | 8   |
| Washing coppers repaired or renewed .. .. .                     | 8   |
| Washing coppers provided .. .. .                                | 6   |
| Sinks provided .. .. .  | 5   |
| Sinks renewed .. .. .   | 5   |
| Waste pipes repaired or renewed .. .. .                         | 7   |
| Food stores provided or improved .. .. .                        | 8   |
| Houses connected to mains water supply .. ..                    | 8   |
| W.C. compartments cleansed or repaired .. ..                    | 18  |
| Verminous premises disinfested (bugs) .. ..                     | 21  |
| Verminous premises disinfested (other vermin) ..                | 11  |

#### *Miscellaneous*

|                                    |    |
|------------------------------------|----|
| Sash cords renewed .. .. .         | 36 |
| Handrails provided .. .. .         | 12 |
| Window (woodwork) repaired .. .. . | 29 |

|                                 |     |
|---------------------------------|-----|
| Window glass provided .. .. .   | 11  |
| Dustbins renewed .. .. .        | 261 |
| Water services repaired .. .. . | 4   |
| Pumps repaired .. .. .          | 1   |

(b) GENERAL SANITATION

|   |       |
|---|-------|
| Drains and sewers cleansed from obstruction .. .. | 18    |
| Drains and sewers repaired .. .. .                | 5     |
| New drains provided .. .. .                       | 6     |
| New inspection chambers provided .. .. .          | 4     |
| Soil pipes and vent shafts repaired .. .. .       | 1     |
| W.C.s repaired .. .. .                            | 15    |
| Cesspools emptied .. .. .                         | 399   |
| Pail closets emptied .. .. .                      | 5,001 |
| Pail closets abolished .. .. .                    | 7     |
| New W.C.s provided .. .. .                        | 7     |
| Tents, vans and sheds removed .. .. .             | 35    |
| Offensive accumulations removed .. .. .           | 5     |

(c) MEAT AND OTHER FOODS

|  |       |
|--|-------|
| Meat shops (cleansed) .. .. .                        | —     |
| Meat shops (other contraventions) .. .. .            | 5     |
| Cowsheds (cleansed and limewashed) .. .. .           | 2     |
| Bakehouses (cleansed and limewashed) .. .. .         | 2     |
| Fried fish shops (cleansed) .. .. .                  | 17    |
| Fried fish shops (other contraventions) .. .. .      | 12    |
| Grocers (contraventions remedied) .. .. .            | 15    |
| Greengrocers (contraventions remedied) .. .. .       | 2     |
| Cafés (contraventions remedied) .. .. .              | 9     |
| Total number of improvements and repairs effected .. | 1,209 |

FACTORIES

During the year 19 visits were paid to factories in the area, eight contraventions were found and all were remedied after service of informal notice.

RODENT CONTROL

This work is carried out under the Staines, Yiewsley and West Drayton and Hayes and Harlington Joint Rodent Committee, and the undermentioned statistics have been supplied by the Rodent Officer.



# RODENT CONTROL JOINT COMMITTEE

## *Report of Work done by Investigators and Operators Yiewsley and West Drayton*

| 1946            | <i>Maintenance Service</i> |                 | <i>NS/12 Scheme</i>   |                   |
|-----------------|----------------------------|-----------------|-----------------------|-------------------|
|                 | <i>Inspections</i>         | <i>Visits</i>   | <i>Investigations</i> | <i>Treatments</i> |
| JANUARY .. ..   | 94                         | 36              |                       |                   |
| FEBRUARY .. ..  | 106                        | 36              |                       |                   |
| MARCH .. ..     | 72                         | 33              |                       |                   |
| APRIL .. ..     | 59                         | 44              |                       |                   |
| MAY .. ..       | 63                         | 46              |                       |                   |
| JUNE .. ..      | 12                         | 19              |                       |                   |
| JULY .. ..      | —                          | 26              | 328                   | 1275              |
| AUGUST .. ..    | —                          | 17              | 393                   | 1574              |
| SEPTEMBER .. .. | 1                          | 23              | 341                   | 1364              |
| OCTOBER .. ..   | —                          | 31              | 347                   | 1393              |
| NOVEMBER .. ..  | —                          | 27              | 140                   | 600               |
| DECEMBER .. ..  | —                          | 13              | 51                    | 210               |
|                 | <hr/> 407 <hr/>            | <hr/> 351 <hr/> | <hr/> 1600 <hr/>      | <hr/> 6416 <hr/>  |

### *Number of rats destroyed*

It is impossible to give any figures in regard to the number of rats destroyed, as the result of gas and poisons is rarely, if ever, known, as rats usually die in their holes and their bodies are not recovered.

## SECTION E

### HOUSING

#### INSPECTION OF DWELLING-HOUSES DURING THE YEAR

|       |   |     |
|-------|---|-----|
| 1 (a) | Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) .. ..   | 240 |
| (b)   | Number of inspections made for that purpose .. ..   | 511 |
| 2 (a) | Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925/1932 .. ..        | 103 |
| (b)   | Number of inspections made for that purpose .. ..   | 207 |
| 3     | Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .. ..                                    | 2   |
| 4     | Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .. .. | 240 |

#### *Remedy of defects during the year without service of formal notices*

|   |     |
|---|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers .. .. | 147 |
|---|-----|

## ACTION UNDER STATUTORY POWERS DURING THE YEAR

|   |   |
|---|---|
| <i>(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936</i> |   |
| 1   | Number of dwelling-houses in respect of notices requiring repairs .. .. . 6                                   |
| 2   | Number of dwellings which were rendered fit after service of formal notice:                                   |
|   | (a) By owners .. .. . 5   |
|   | (b) By Local Authority in default of owners .. .. . —   |
| <i>(b) Proceedings under Public Health Act, 1936</i>                        |   |
| 1   | Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .. .. . 35 |
| 2   | Number of dwelling-houses in which defects were remedied after service of formal notice:                      |
|   | (a) By owners .. .. . 10  |
|   | (b) By owners after Nuisance Order made .. .. . 4   |
| <i>(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936</i>    |   |
| 1   | Number of dwelling-houses in respect of which Demolition Orders were made .. .. . 1                           |
| 2   | Number of dwelling-houses demolished in pursuance of Demolition Orders .. .. . —                              |

### OVERCROWDING

Twenty-eight cases of overcrowding were investigated and 22 cases were abated during the year.

### PROVISION OF HOUSES

During the year under review the Council completed 32 houses and let contracts for 272 houses.

Thirty-six houses were completed by private enterprise and 130 were under construction.

## SECTION F INSPECTION AND SUPERVISION OF FOOD

### MILK SUPPLY

There are four cowkeepers in the district, and all the premises were visited during the year under review.

In one case repeated samples showed bad keeping quality, and constant attention was paid to the farm in question. Improvements in the cleanliness of the cowshed and also in the method of storage resulted in satisfactory samples being obtained.

The bulk of the milk sold in the district is designated milk, and below is a table showing the number of licensed distributors:

| <i>Designation</i>        | <i>No. of persons licensed</i> |
|---------------------------|--------------------------------|
| Pasteurised .. .. .       | 7                              |
| Tuberculin Tested .. .. . | 5                              |
| Accredited .. .. .        | Nil                            |

There were several complaints during the year with regard to dirty milk bottles, and the three bottles brought to the notice of the Sanitary Inspectors were contaminated as follows:

- Bottle No. 1 .. Sand and Cement
- Bottle No. 2 .. Textiles
- Bottle No. 3 .. Faecal matter

In all three cases strong representations were made to the offending company, and the situation appears to have improved.

#### ICE CREAM

The manufacture and sale of ice cream has been keenly supervised during the year, and the product has been regularly sampled. The earlier samples were unsatisfactory, but after advice had been given to the trade the results obtained were most satisfactory. With the exception of that made by one manufacturer, all the ice cream was produced by the hot mix process.

#### FOOD PREMISES

Inspection of food premises has been carried out regularly, and details of inspections carried out and contraventions remedied appear in another section of the report.

#### UN SOUND FOOD SURRENDERED AND DESTROYED, 1946

The total amount of unsound food surrendered for destruction during the year was 1 ton 6 cwt. 3 qrs., which was dealt with in accordance with the instructions of the Salvage Department of the Ministry of Food.

#### FOOD AND DRUGS ACT, 1938 (FOOD ADULTERATION)

The Middlesex County Council are the authority for the administration of the Food Adulteration Sections of the above Act, and the Chief Control Officer of the Public Control Department has supplied the following particulars of sampling in the Urban District during 1946.

### COUNTY COUNCIL OF MIDDLESEX

#### URBAN DISTRICT OF YIEWSLEY AND WEST DRAYTON

*List of samples taken during the year ended 31st December, 1946*

| <i>Article</i>                | <i>Taken</i> | <i>Adulterated</i> |
|-------------------------------|--------------|--------------------|
| Milk .. .. .                  | 36           | —                  |
| Coffee and Chicory Extract .. | 1            | 1                  |
| Curry Powder .. .. .          | 3            | —                  |
| Fish Paste .. .. .            | 1            | —                  |
| Gin .. .. .                   | 1            | —                  |
| Jelly .. .. .                 | 1            | —                  |
| Mincemeat .. .. .             | 1            | —                  |
| Optrex .. .. .                | 1            | —                  |
| Pepper .. .. .                | 2            | —                  |
| Meat Pie .. .. .              | 1            | —                  |
| Sausages .. .. .              | 6            | —                  |
| Sausages, cooked .. .. .      | 2            | —                  |
| Sausage Meat .. .. .          | 6            | 1                  |
| Whisky .. .. .                | 1            | —                  |
|                               | 63           | 2                  |
|                               | —            | —                  |

The unsatisfactory sample of coffee and chicory extract was not fit for consumption by reason of fermentation. The retailer from whom the sample was purchased voluntarily surrendered his stock of the article to your Sanitary Inspector, Mr. Makin. Enquiries revealed that the manufacturers had stopped production of the article.

The unsatisfactory sample of sausage meat contained 156 parts per million of sulphur dioxide without its presence being declared. An official caution was issued in this case.

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In conclusion, I wish to thank all the members and officials of the Council, particularly the members of my staff, for their help and co-operation during the year under review.

I am,

Your obedient servant,

ALFRED MAKIN,

Chief Sanitary Inspector, M.R.San.I., M.S.I.A.







